

## 35-1512: Polyclonal Antibody to eNOS (Ab-1177)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	NOS3
<b>Gene ID :</b>	4846
<b>Uniprot ID :</b>	P29474
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Constitutive NOS, EC-NOS, ECNOS, NOS3, NOSIII
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around aa.1175~1179 (T-Q-S-F-S) derived from Human eNOS.

### Description

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 140kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

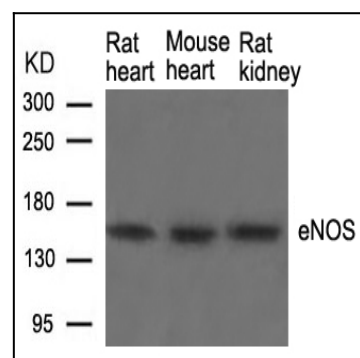


Figure 1: Western blot analysis of extracts from Rat heart, Mouse heart and Rat kidney tissue using eNOS(Ab-1177) Antibody 35-1512 .

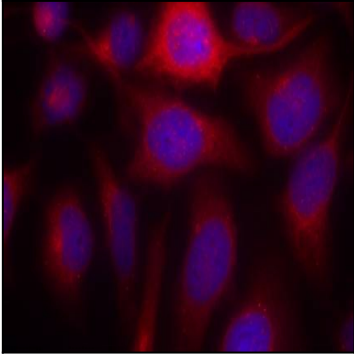


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using eNOS(Ab-1177) Antibody 35-1512 .